

# ABSTRACT OF THE DISCLOSURE

The following are provided a plurality of antennas provided- correspondingly to a plurality of radio communication systems, a plurality of processing  
5 circuits whose one ends are connected to the antennas to apply processings including amplification and frequency conversion to signals received from a corresponding antenna input to the above one ends or signals to be transmitted to a corresponding antenna  
10 input to the other ends of the circuits, an input/output terminal which outputs a reception signal to an external unit or inputs a transmission signal from the external unit, and a unit connected between the processing circuits and the input/output terminal to  
15 couple reception signals output from the processing circuits or distribute transmission signals input from the input/output terminal to the processing circuits.